# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1017 | rolling adj circle adj replic$$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:23 |
| L2 | 23 | rolling adj circle adj replic$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:23 |
| L3 | 3 | L2 and (co-integrate or cointegrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:25 |
| L4 | 24 | ((double adj stranded adj origin) near3 replication) or ((double-stranded adj origin) near3 replication) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:40 |
| L5 | 3 | L4 and (((site adj specific adj recombination) near3 (recognition or site)) or ((site-specific adj recombination) near3 (recognition or site))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:44 |
| L6 | 26 | ((single adj stranded adj origin) near3 replication) or ((single-stranded adj origin) near3 replication) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:41 |
| L7 | 1680 | ((single adj stranded) or single-stranded) with (origin near3 replication) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:44 |
| L8 | 321 | ((double adj stranded) or double-stranded) with (origin near3 replication) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:55 |
| L9 | 16 | L8 and (((site adj specific adj recombination) near3 (recognition or site)) or ((site-specific adj recombination) near3 (recognition or site))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:02 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| L10 | 9 | L9 and ((single adj stranded) or single-stranded) with (origin near3 replication) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:02 |
| L11 | 9 | L10 and ((selectable adj marker) or (kanamycin adj resistance) or (ampicillin adj resistance) or (spectinomycin adj resistance) or (gentamycin adj resistance) or (tetracycline adj resistance) or (chloramphenicol adj resistance) or (streptomycin adj resistance) or strA or sacB or kanamycin or ampicillin or spectinomycin or gentamycin or tetracycline or chloramphenicol or streptomycin ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:56 |
| L12 | 6 | L11 and @ad<="20010226" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:04 |
| L14 | 14 | ((double adj stranded) or double-stranded) with (origin near3 replication) same (rolling adj circle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:57 |
| L15 | 7 | L14 and @ad<="20010226" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 17:56 |
| L16 | 2 | L15 and ((selectable adj marker) or (kanamycin adj resistance) or (ampicillin adj resistance) or (spectinomycin adj resistance) or (gentamycin adj resistance) or (tetracycline adj resistance) or (chloramphenicol adj resistance) or (streptomycin adj resistance) or strA or sacB or kanamycin or ampicillin or spectinomycin or gentamycin or tetracycline or chloramphenicol or streptomycin ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:11 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| L17 | 14 | (((double adj stranded) or double-stranded) with (origin near3 replication)) same (pT181 or pC221 or pC223 or pCW7 or pHD2 or pLUG10 or pOg32 or pS194 or pT127 or pTZ12 or pUB112 or pE194 or pA1 or pC1305 or pCI411 or pFX2 or pKMK1 or pLS1 or pSH71 or pWV01 or pC194 or "pAM.alpha. 1" or pBAA1 or pBC1 or pBC16 or pBP614 or pBS2 or pC300 or pCA2 or pCB101 or "pCB2.4" or "pCC5.2" or pFTB14 or pPL or pSSU1 or p1414 or pDC123 or pGT5 or pJDB21 or pKYM or pLAB1000 or pLot3 or pLP1 or pOX6 or pRF1 or pRBH1 or pSH1451 or pSN1981 or pTA1060 or pTD1 or pTHT15 or pUB110 or pUH1 or pVA380-1 or pWC1 or pEGB32 or p353-2 or pSN2 or pBI143 or pE5 or pE12 or pIM13 or pNE131 or pT48 or pTCS1 or pZMO2 or pIJ101 or pBL1 or pJV1 or pSG5 or pSN22 or pC1305 or pG12 or pGRB1 or pHK2 or pHPK255 or pTX14-1 or pTX14-3 or pVT736-1 or (phage same f1) or "PHI.174.") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:01 |
| L18 | 11 | L17 and ((single adj stranded) or single-stranded) with (origin near3 replication) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:02 |
| L19 | 2 | L18 and (((site adj specific adj recombination) near3 (recognition or site)) or ((site-specific adj recombination) near3 (recognition or site))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:10 |
| L20 | 1 | L19 and @ad<="20010226" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:04 |
| L21 | 2 | L17 and (((site adj specific adj recombination) near3 (recognition or site)) or ((site-specific adj recombination) near3 (recognition or site))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:10 |

# EAST Search History

| L22 | 2 | L21 and ((selectable adj marker) or (kanamycin adj resistance) or (ampicillin adj resistance) or (spectinomycin adj resistance) or (gentamycin adj resistance) or (tetracycline adj resistance) or (chloramphenicol adj resistance) or (streptomycin adj resistance) or strA or sacB or kanamycin or ampicillin or spectinomycin or gentamycin or tetracycline or chloramphenicol or streptomycin ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/20 18:11 |

```
? d s
Set     Items     Description ·
S1          0     S ROLLING (W) CIRCLE (W) REPLIC?2
S2       2219     S ROLLING (W) CIRCLE (W) (REPLICON OR REPLICATION)
S3          6     S S2 AND (CO-INTEGRATE OR COINTEGRATE)
S4          1     RD  (unique items)
S5         27     S S2 AND (((DOUBLE (W) STRANDED (W) ORIGIN) (3N) REPLICATION) OR
((DOUBLE-STRANDED (W) ORIGIN) (3N) REPLICATION))
S6          1     S S5 AND (((SITE (W) SPECIFIC (W) RECOMBINATION) (3N) (RECOGNITION OR
SITE)) OR ((SITE-SPECIFIC (W) RECOMBINATION) (3N) (RECOGNITION OR SITE)))
S7         27     S ((DOUBLE (W) STRANDED) OR DOUBLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION) (S)(ROLLING (W) CIRCLE)
S8         12     S S7 AND ((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION)
S9         12     S S7 AND (((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION))
S10         4     RD  (unique items)
S11         1     S S10 AND (((SITE (W) SPECIFIC (W) RECOMBINATION) (3N) (RECOGNITION OR
SITE)) OR ((SITE-SPECIFIC (W) RECOMBINATION) (3N)(RECOGNITION OR SITE)))
S12        31     S (((DOUBLE (W) STRANDED) OR DOUBLE-STRANDED)(5N) (ORIGIN (3N)
REPLICATION)) (S)(PT181 OR PC221 OR PC223 OR PCW7 OR PHD2 OR PLUG10 OR POG32 OR PS194 OR
PT127 OR PTZ12 OR PUB112 OR PE194 OR PA1 OR PC1305 OR PCI411 OR PFX2 OR PKMK1 OR PLS1 OR
PSH71 OR PWV01 OR PC194 OR "PAM.ALPHA.1" OR PBAA1 OR PBC1 OR PBC16 OR PBP614 OR PBS2 OR
PC300 OR PCA2 OR PCB101 OR "PCB2.4" OR "PCC5.2" OR PFTB14 OR PPL OR PSSU1 OR P1414 OR
PDC123 OR PGT5 OR PJDB21 OR PKYM OR PLAB1000 OR PLOT3 OR PLP1 OR POX6 OR PRF1 OR PRBH1 OR
PSH1451 OR PSN1981 OR PTA1060 OR PTD1 OR PTHT15 OR PUB110 OR PUH1 OR PVA380-1 OR PWC1 OR
PEGB32 OR P353-2 OR PSN2 OR PBI143 OR PE5 OR PE12 OR PIM13 OR PNE131 OR PT48 OR PTCS1 OR
PZMO2 OR PIJ101 OR PBL1 OR PJV1 OR PSG5 OR PSN22 OR PC1305 OR PG12 OR PGRB1 OR PHK2 OR
PHPK255 OR PTX14-1 OR PTX14-3 OR PVT736-1 OR (PHAGE (3N) F1) OR "PHI.174." )
S13         8     RD  (unique items)
S14         5     S S13 AND ((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION)
S15         2     S S14 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) RESISTANCE) OR
(AMPICILLIN (W) RESISTANCE) OR (SPECTINOMYCIN (W) RESISTANCE) OR (GENTAMYCIN (W)
RESISTANCE) OR (TETRACYCLINE (W) RESISTANCE) OR (CHLORAMPHENICOL (W) RESISTANCE) OR
(STREPTOMYCIN (W) RESISTANCE) OR STRA OR SACB OR KANAMYCIN OR AMPICILLIN OR SPECTINOMYCIN
OR GENTAMYCIN OR TETRACYCLINE OR CHLORAMPHENICOL OR STREPTOMYCIN )
S16         2     RD  (unique items)

?
```

[File 357] **Derwent Biotech Res.** _1982-2007/Mar W3

[File 369] **New Scientist** 1994-2007/Nov W3

[File 370] **Science** 1996-1999/Jul W3
*File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2007/Q1

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

[File 467] **ExtraMED(tm)** 2000/Dec

```
?  s rolling (w) circle (w) replic?2
        133391    ROLLING
         89619    CIRCLE
             0    REPLIC?2
S1           0    S ROLLING (W) CIRCLE (W) REPLIC?2

?  S ROLLING (W) CIRCLE (W) (REPLICon or replication)
        133391    ROLLING
         89619    CIRCLE
         19603    REPLICON
        656877    REPLICATION
S2        2219    S ROLLING (W) CIRCLE (W) (REPLICON OR REPLICATION)

?  s s2 and (co-integrate or cointegrate)
          2219    S2
            11    CO-INTEGRATE
          1674    COINTEGRATE
S3           6    S S2 AND (CO-INTEGRATE OR COINTEGRATE)

?  rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S4           1    RD  (UNIQUE ITEMS)

? . t s4
```

4/2/1 (Item 1 from file: 5) <u>Links</u>
  Fulltext available through:  <u>Proceedings of the National Academy of Sciences (PNAS)</u>  <u>USPTO Full Text</u>
<u>Retrieval Options</u>
Biosis Previews(R)

12168304  **Biosis No.:** 199497189589

**Differential roles of the transposon termini in IS91 transposition**

**Author:** Mendiola M Victoria; Bernales Irantzu; De La Cruz Fernando (Reprint)

**Author Address:** Dep. Biologia Molecular, Universidad de Cantabria, C. Herrera Oria s/n, 39011 Santander, Spain**Spain

**Document Type:** Article

**Record Type:** Abstract

**Language:** English

**Descriptors:**

**Major Concepts:** Biochemistry and Molecular Biophysics; Genetics; Molecular Genetics-- Biochemistry and Molecular Biophysics; Physiology

**Biosystematic Names:** Enterobacteriaceae--Facultatively Anaerobic Gram-Negative Rods, Eubacteria, Bacteria, Microorganisms

**Organisms:** Escherichia coli (Enterobacteriaceae)

**Common Taxonomic Terms:** Bacteria; Eubacteria; Microorganisms

**Miscellaneous Terms:**   RIGHT INVERTED REPEAT REGION; ROLLING CIRCLE REPLICATIVE TRANSPOSITION MODEL; TRANSPOSASE HOMOLOGY

**Concept Codes:**

10010 Comparative biochemistry

 10062 Biochemistry studies - Nucleic acids, purines and pyrimidines

 10064 Biochemistry studies - Proteins, peptides and amino acids

 10300 Replication, transcription, translation

 10506 Biophysics - Molecular properties and macromolecules

 10802 Enzymes - General and comparative studies: coenzymes

 10806 Enzymes - Chemical and physical

 13014 Metabolism - Nucleic acids, purines and pyrimidines

 31000 Physiology and biochemistry of bacteria

 31500 Genetics of bacteria and viruses

**Biosystematic Codes:**

06702 Enterobacteriaceae

```
?   s s2 and (((double (w) stranded (w) origin) (3n) replication) or ((double-stranded (3n)
origin) near3 replication))
>>>W:  Invalid syntax
>>>E:  There is no result

?   s s2 and (((double (w) stranded (w) origin) (3n) replication) or ((double-stranded (w)
origin) (3n) replication))
            2219    S2
         2011202    DOUBLE
          622334    STRANDED
         1375312    ORIGIN
          656877    REPLICATION
              51    DOUBLE(W)STRANDED(W)ORIGIN(3N)REPLICATION
            5086    DOUBLE-STRANDED
         1375312    ORIGIN
          656877    REPLICATION
               0    DOUBLE-STRANDED(W)ORIGIN(3N)REPLICATION
S5          27    S S2 AND (((DOUBLE (W) STRANDED (W) ORIGIN) (3N) REPLICATION) OR
((DOUBLE-STRANDED (W) ORIGIN) (3N) REPLICATION))

?   s s5 and (((site (w) specific (w) recombination) (3n) (recognition or site)) or
((site-specific (w) recombination) (3n) (recognition or site)))
Processing
              27    S5
         3429085    SITE
         6678153    SPECIFIC
          410888    RECOMBINATION
         1182006    RECOGNITION
         3429085    SITE
           10140    SITE(W)SPECIFIC(W)RECOMBINATION(3N)(RECOGNITION OR SITE)
            6216    SITE-SPECIFIC
          410888    RECOMBINATION
         1182006    RECOGNITION
         3429085    SITE
               0    SITE-SPECIFIC(W)RECOMBINATION(3N)(RECOGNITION OR SITE)
S6           1    S S5 AND (((SITE (W) SPECIFIC (W) RECOMBINATION) (3N) (RECOGNITION OR
SITE)) OR ((SITE-SPECIFIC (W) RECOMBINATION) (3N) (RECOGNITION OR SITE)))

?   t s6/medium
```

 6/3/1 (Item 1 from file: 357) **Links**
Derwent Biotech Res.
(c) 2007 The Thomson Corp. All rights reserved.
0302117 **DBA Accession No.: 2003-03902 PATENT**
**Transferring a gene to a product vector, useful for generating recombinant vectors for expression in cell or host, comprises contacting in vitro a first and second vector and introducing the co-integrate vector into a prokaryotic cell recombinant vector-mediated kanamycin-resistance gene transfer and expression in mammal or bacterium cell**

**Author: CARSTENS C**
**Patent Assignee: STRATAGENE  2002**
**Patent Number: WO 200268670  Patent Date: 20020906  WPI Accession No.: 2002-707008 ( 200276 )**
**Priority Application Number: US 793372  Application Date: 20010226**
**National Application Number: WO 2002US4454  Application Date: 20020215**
**Language: English**

```
?  s ((double (w) stranded) or double-stranded) (5n) (origin (3n) replication) (s)(rolling
(w) circle)
       2011202    DOUBLE
        622334    STRANDED
        322089    DOUBLE(W)STRANDED
          5086    DOUBLE-STRANDED
       1375312    ORIGIN
        656877    REPLICATION
        133391    ROLLING
         89619    CIRCLE
S7         27    S ((DOUBLE (W) STRANDED) OR DOUBLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION) (S)(ROLLING (W) CIRCLE)


?  s s7 and ((single (w) stranded) or single-stranded) (5n) (origin (3n) replication)
            27    S7
       5039297    SINGLE
        622334    STRANDED
        312618    SINGLE(W)STRANDED
          3625    SINGLE-STRANDED
       1375312    ORIGIN
        656877    REPLICATION
           346    (SINGLE(W)STRANDED OR SINGLE-STRANDED)(5N)ORIGIN(3N)REPLICATION
S8         12    S S7 AND ((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION)


?  S S7 AND (((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N) REPLICATION))
            27    S7
       5039297    SINGLE
        622334    STRANDED
        312618    SINGLE(W)STRANDED
          3625    SINGLE-STRANDED
       1375312    ORIGIN
        656877    REPLICATION
           346    (SINGLE(W)STRANDED OR SINGLE-STRANDED)(5N)ORIGIN(3N)REPLICATION
S9         12    S S7 AND (((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION))


?  rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S10        4    RD  (UNIQUE ITEMS)


?  s s10 and (((site (w) specific (w) recombination) (3n) (recognition or site)) or
((site-specific (w) recombination) (3n)(recognition or site)))
Processing
             4    S10
       3429085    SITE
       6678153    SPECIFIC
        410888    RECOMBINATION
       1182006    RECOGNITION
       3429085    SITE
         10140    SITE(W)SPECIFIC(W)RECOMBINATION(3N)(RECOGNITION OR SITE)
          6216    SITE-SPECIFIC
        410888    RECOMBINATION
       1182006    RECOGNITION
       3429085    SITE
             0    SITE-SPECIFIC(W)RECOMBINATION(3N)(RECOGNITION OR SITE)
S11         1    S S10 AND (((SITE (W) SPECIFIC (W) RECOMBINATION) (3N) (RECOGNITION OR
SITE)) OR ((SITE-SPECIFIC (W) RECOMBINATION) (3N)(RECOGNITION OR SITE)))
```

? t s11/medium

11/3/1 (Item 1 from file: 357) <u>Links</u>
Derwent Biotech Res.

0302117 **DBA Accession No.: 2003-03902 PATENT**

**Transferring a gene to a product vector, useful for generating recombinant vectors for expression in cell or host, comprises contacting in vitro a first and second vector and introducing the co-integrate vector into a prokaryotic cell recombinant vector-mediated kanamycin-resistance gene transfer and expression in mammal or bacterium cell**

Author: CARSTENS C
Patent Assignee: STRATAGENE  2002
Patent Number: WO 200268670  Patent Date: 20020906  WPI Accession No.: 2002-707008  ( 200276 )
Priority Application Number: US 793372  Application Date: 20010226
National Application Number: WO 2002US4454  Application Date: 20020215
Language: English

```
?  s (((double (w) stranded) or double-stranded)(5n) (origin (3n) replication)) (s)(pT181
or pC221 or pC223 or pCW7 or pHD2 or pLUG10 or pOg32 or pS194 or pT127 or pTZ12 or pUB112
or pE194 or pA1 or pC1305 or pCI411 or pFX2 or pKMK1 or pLS1 or pSH71 or pWV01 or pC194 or
"pAM.alpha.1" or pBAA1 or pBC1 or pBC16 or pBP614 or pBS2 or pC300 or pCA2 or pCB101 or
"pCB2.4" or "pCC5.2" or pFTB14 or pPL or pSSU1 or p1414 or pDC123 or pGT5 or pJDB21 or
pKYM or pLAB1000 or pLot3 or pLP1 or pOX6 or pRF1 or pRBH1 or pSH1451 or pSN1981 or
pTA1060 or pTD1 or pTHT15 or pUB110 or pUH1 or pVA380-1 or pWC1 or pEGB32 or p353-2 or
pSN2 or pBI143 or pE5 or pE12 or pIM13 or pNE131 or pT48 or pTCS1 or pZMO2 or pIJ101 or
pBL1 or pJV1 or pSG5 or pSN22 or pC1305 or pG12 or pGRB1 or pHK2 or pHPK255 or pTX14-1 or
pTX14-3 or pVT736-1 or (phage (3n) f1) or "PHI.174." )
Processing
Processing
        2011202    DOUBLE
         622334    STRANDED
         322089    DOUBLE(W)STRANDED
           5086    DOUBLE-STRANDED
        1375312    ORIGIN
         656877    REPLICATION
            910    PT181
            229    PC221
             68    PC223
             13    PCW7
            323    PHD2
             20    PLUG10
             18    POG32
             56    PS194
             32    PT127
             22    PTZ12
             69    PUB112
            725    PE194
           1595    PA1
             12    PC1305
             16    PCI411
             40    PFX2
             17    PKMK1
            716    PLS1
             67    PSH71
            206    PWV01
           1278    PC194
              0    PAM.ALPHA.1
             46    PBAA1
            112    PBC1
            302    PBC16
              6    PBP614
            978    PBS2
             25    PC300
            932    PCA2
             74    PCB101
              0    PCB2.4
              0    PCC5.2
             40    PFTB14
           4742    PPL
             21    PSSU1
             24    P1414
              7    PDC123
             88    PGT5
             18    PJDB21
            107    PKYM
             37    PLAB1000
              2    PLOT3
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        545    PLP1
         21    POX6
        389    PRF1
         12    PRBH1
          6    PSH1451
          0    PSN1981
         45    PTA1060
         74    PTD1
         34    PTHT15
       1767    PUB110
         71    PUH1
          7    PVA380-1
         17    PWC1
          0    PEGB32
          2    P353-2
        119    PSN2
         28    PBI143
        132    PE5
         32    PE12
         53    PIM13
         30    PNE131
         52    PT48
          0    PTCS1
         18    PZMO2
        701    PIJ101
        221    PBL1
        129    PJV1
        471    PSG5
        318    PSN22
         12    PC1305
        399    PG12
         22    PGRB1
         90    PHK2
         16    PHPK255
          3    PTX14-1
         10    PTX14-3
          6    PVT736-1
     208222    PHAGE
     145212    F1
        943    PHAGE(3N)F1
          0    PHI.174.
S12        31    S (((DOUBLE (W) STRANDED) OR DOUBLE-STRANDED)(5N) (ORIGIN (3N)
REPLICATION)) (S)(PT181 OR PC221 OR PC223 OR PCW7 OR PHD2 OR PLUG10 OR POG32 OR PS194 OR
PT127 OR PTZ12 OR PUB112 OR PE194 OR PA1 OR PC1305 OR PCI411 OR PFX2 OR PKMK1 OR PLS1 OR
PSH71 OR PWV01 OR PC194 OR "PAM.ALPHA.1" OR PBAA1 OR PBC1 OR PBC16 OR PBP614 OR PBS2 OR
PC300 OR PCA2 OR PCB101 OR "PCB2.4" OR "PCC5.2" OR PFTB14 OR PPL OR PSSU1 OR P1414 OR
PDC123 OR PGT5 OR PJDB21 OR PKYM OR PLAB1000 OR PLOT3 OR PLP1 OR POX6 OR PRF1 OR PRBH1 OR
PSH1451 OR PSN1981 OR PTA1060 OR PTD1 OR PTHT15 OR PUB110 OR PUH1 OR PVA380-1 OR PWC1 OR
PEGB32 OR P353-2 OR PSN2 OR PBI143 OR PE5 OR PE12 OR PIM13 OR PNE131 OR PT48 OR PTCS1 OR
PZMO2 OR PIJ101 OR PBL1 OR PJV1 OR PSG5 OR PSN22 OR PC1305 OR PG12 OR PGRB1 OR PHK2 OR
PHPK255 OR PTX14-1 OR PTX14-3 OR PVT736-1 OR (PHAGE (3N) F1) OR "PHI.174." )

?  rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S13         8    RD  (UNIQUE ITEMS)

?  S S13 AND ((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N) REPLICATION)
          8    S13
    5039297    SINGLE
     622334    STRANDED
```

```
          312618    SINGLE(W)STRANDED
            3625    SINGLE-STRANDED
         1375312    ORIGIN
          656877    REPLICATION
             346    (SINGLE(W)STRANDED OR SINGLE-STRANDED)(5N)ORIGIN(3N)REPLICATION
S14          5    S S13 AND ((SINGLE (W) STRANDED) OR SINGLE-STRANDED) (5N) (ORIGIN (3N)
REPLICATION)


?  s s14 and ((selectable (w) marker) or (kanamycin (w) resistance) or (ampicillin (w)
resistance) or (spectinomycin (w) resistance) or (gentamycin (w) resistance) or
(tetracycline (w) resistance) or (chloramphenicol (w) resistance) or (streptomycin (w)
resistance) or strA or sacB or kanamycin or ampicillin or spectinomycin or gentamycin or
tetracycline or chloramphenicol or streptomycin )
Processing
Processing
Processing
               5    S14
           32455    SELECTABLE
         1080212    MARKER
           20923    SELECTABLE(W)MARKER
           60269    KANAMYCIN
         3146944    RESISTANCE
           10676    KANAMYCIN(W)RESISTANCE
          127453    AMPICILLIN
         3146944    RESISTANCE
            6186    AMPICILLIN(W)RESISTANCE
           11828    SPECTINOMYCIN
         3146944    RESISTANCE
            1299    SPECTINOMYCIN(W)RESISTANCE
            7549    GENTAMYCIN
         3146944    RESISTANCE
             185    GENTAMYCIN(W)RESISTANCE
          159258    TETRACYCLINE
         3146944    RESISTANCE
           12344    TETRACYCLINE(W)RESISTANCE
          162099    CHLORAMPHENICOL
         3146944    RESISTANCE
            5743    CHLORAMPHENICOL(W)RESISTANCE
          101003    STREPTOMYCIN
         3146944    RESISTANCE
            4643    STREPTOMYCIN(W)RESISTANCE
            1184    STRA
            1386    SACB
           60269    KANAMYCIN
          127453    AMPICILLIN
           11828    SPECTINOMYCIN
            7549    GENTAMYCIN
          159258    TETRACYCLINE
          162099    CHLORAMPHENICOL
          101003    STREPTOMYCIN
S15          2    S S14 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) RESISTANCE) OR
(AMPICILLIN (W) RESISTANCE) OR (SPECTINOMYCIN (W) RESISTANCE) OR (GENTAMYCIN (W)
RESISTANCE) OR (TETRACYCLINE (W) RESISTANCE) OR (CHLORAMPHENICOL (W) RESISTANCE) OR
(STREPTOMYCIN (W) RESISTANCE) OR STRA OR SACB OR KANAMYCIN OR AMPICILLIN OR SPECTINOMYCIN
OR GENTAMYCIN OR TETRACYCLINE OR CHLORAMPHENICOL OR STREPTOMYCIN )


?  rd
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S16          2    RD  (UNIQUE ITEMS)
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? t s16/medium/all

16/3/1 (Item 1 from file: 5) <u>Links</u>

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**Nucleotide sequence and analysis of pWC1, a pC194-type rolling circle replicon in Lactococcus lactis**

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